

Under-cabinet Lighting System

ABSTRACT

09/650 496

A low cost under-cabinet and display case lighting system that permits the highest degree of flexibility in the installation and location of luminaires for under-cabinet and display case lighting. The system consists of a high-frequency power source, an interconnection cord, and one or more high-frequency luminaires. The high-frequency power source is powered from a source of 50 or 60 Hertz power. The interconnection cord is connected to the high-frequency output of high-frequency power source. The high-frequency luminaires are mounted in the desired locations under the cabinets or display case shelves. The interconnecting cord is then routed to each of the high-frequency luminaires and placed over the input terminals. The protective cover is then forced over the interconnecting cord in the area of the input terminals forcing the input terminals to pierce and displace the insulation of the cord and make contact with the conductors within the interconnecting cord. Any number of additional high-frequency luminaires (within the capacity of the high-frequency power source) may be added in the same manner.